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*New Abstract*

## ABSTRACT

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A vehicle alignment gauging system (1) including measuring means (2,3), output signal generation means adapted to generate an output signal corresponding to dimensions indicated by the measuring means, storage means (15) to store reference data corresponding to standard reference dimensions for a selected vehicle, comparator means to compare the output signal with a selected reference dimension from the storage means and to generate an error signal indicative of the variation therebetween, and variation display means (22) to provide a visual indication of the magnitude of the variation, thereby in use to provide a quantitative indication of structural misalignment.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100